i-Disk Shield 2.0
Secure AES Manager
User's Manual

(Version 2.0)

Table of Contents

A. Introduction 4
B. General Description 4
C. Features 5
D. Before Using Secure AES Manager 6
E. Introduction to Secure AES Manager 7
E1. Main Screen 7
E2. Set Password / Change Password 7
E3. Disable Password 11
E4. Unlock Device 13
F. Checking Secure AES Manager 17
G. Running the Program As Privilege User ?! 17
H. FAQ – Frequently Asked Questions 19

Small size, Big impact.

Disclaimer of Liability

The software embedded in the product is copyrighted work of C-ONE Technology Corporation ("C-ONE") and other licensors if any. C-ONE provides limited guarantee or assurance as to the quality or performance of such software subject to the terms hereof as well as applicable laws and regulations. The use of such software is governed by the terms and conditions of End User License Agreement, or the like, which will be provided by in digital or written form that is included in the software or otherwise. Please do not install the software before you read and agree to the terms and conditions of the End User License Agreement, if any.

C-ONE IS NOT LIABLE FOR ANY DAMAGES SUFFERRED AS A RESULT OF USING, MODIFYING, CONTRIBUTING, OR COPYING THE SOFTWARE. C-ONE IS NOT LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGE (INCLUDING LOSS OF BUSINESS, REVENUE, PROFITS, USE, DATA OR OTHER ECONOMIC ADVANTAGE). In no event will C-ONE be liable for damages hereunder in excess of the amount you provided to C-ONE for this product. This indemnity is in lieu of any other indemnity or warranty, express or implied, with respect to patents and copyrights.

The remedies set forth herein are exclusive and the liability of C-ONE for a breach of C-ONE obligations with respect to the Products (including warranty obligations) shall be limited to the actual damages incurred by you, provided that such liability for damages shall not exceed the total amount of the relevant Products to which such breach relates. In addition to the foregoing limitations, in no event shall C-ONE's aggregate liabilities for all claims made by you exceed the aggregate annual amount in respect of all the Products (or any portion thereof) delivered up to the date of any claim.

A. Introduction

- Secure AES Manager applies to ***Pretec i-Disk Shield 2.0*** only. Usage of this AP on other products were prohibited.

- Plug in only ***ONE*** device at a time. ***DO NOT*** plug in two or more secure devices at the same time when running Secure AES Manager.

- Windows 98 users, please install driver first before plug in your device and run this application program.

- Windows 2000 users, please upgrade to ***Service Pack 3 (SP3)*** or ***Service Pack 4 (SP4)*** first before using this security product and application program.

- Secure AES Manager is only designed for Windows based operating system.

B. General Description

i-Disk Shield 2.0 is a USB Flash Memory Storage Device with security function. This security function provides you with high privacy to your personal data. It allows you to set up your own password with a maximum of 16 characters.

Securing your data had never been easier with Secure AES Manager. It provides user with convenience and privacy, as well as the high security to data stored on you USB flash memory storage device. Feel safe with Secure AES Manager.

C. Features

(a) Disk Free - program stored on device, so you don't have to carry the program with extra CD-ROM disc or floppy disk.

(b) Easy to Operate – program is pictorial with easy to understand icons and friendly descriptions.

(c) Customized Password – users can choose a password of their own from 1 character to a maximum of 16 characters.

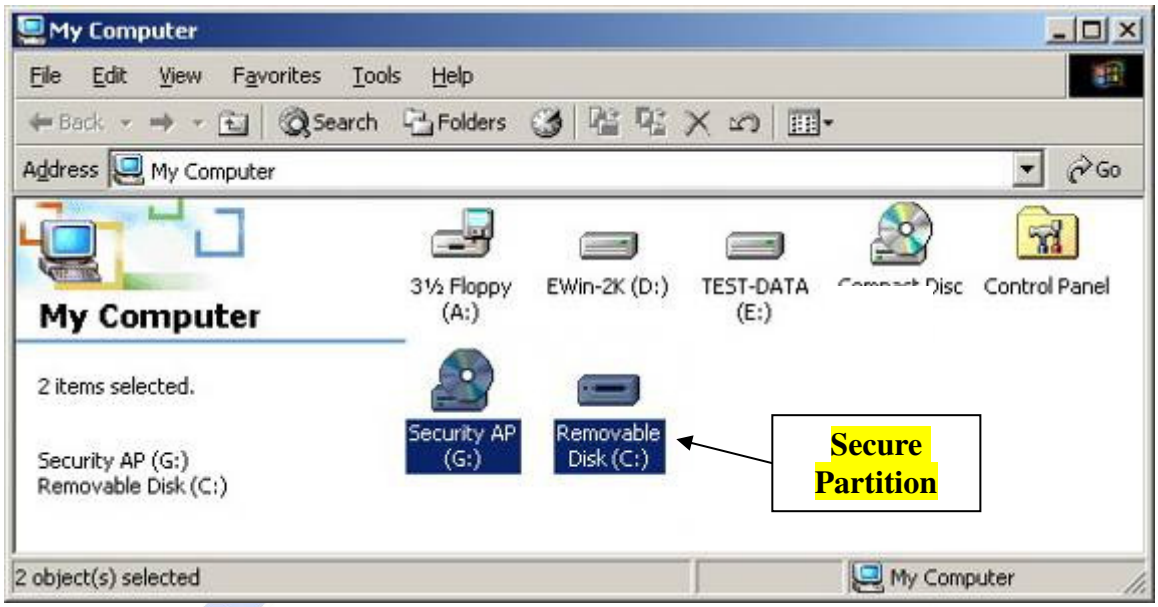
(d) Fixed Password Retry – users are only allow to type in the password 5 times, when typing in the wrong password for the sixth time, the drive will be formatted to protect the data of been exposed to others.

(e) Friendly Reminder – there is a password hint function available, in case user forget his/her password. User can set up their own password hint with message no longer than 32 characters.

(f) Multi Language Support – support English, Japanese, Simplify Chinese, Traditional Chinese language interface, will auto detect the language used by operating system. Default interface is set to English

D. Before Using Secure AES Manager

When you plug in your device to a USB port, your operating system should recognized the device and showed an extra "CD-Rom" and a "Removable Disk" icon. Secure AES Manager will be stored in the CD-Rom partition with auto-run function, so when you plug in your device to the USB port, Secure AES Manager will pop out automatically.



Small size, Big impact.

Partition 1 – Secure Area

This secure area is protected by password and can only be accessed by typing in the correct password. *If password does not exist, then it is treated as a "PUBLIC" area, where user(s) can read/write data to this partition anytime*.

Partition 2 – CD-Rom Area

This area is a "Read-Only" area. Users can read data from this partition, but is unable to write or delete data stored in this partition. Secure AES Manager will be stored in this partition with auto-run function. Password security will only apply to the secure partition and will not affect this partition.

E. Introduction to Secure AES Manager

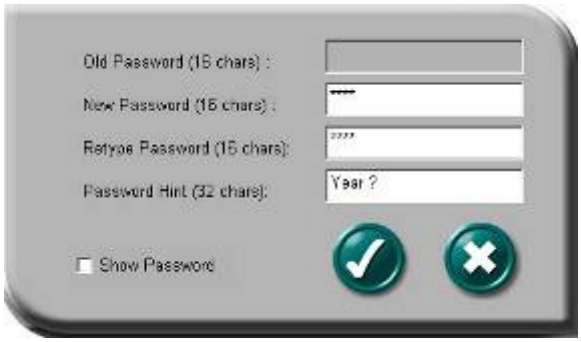
E1. Main Screen

Move mouse cursor to the icons, and the friendly description of the button will appear within second.

E2. Set Password / Change Password

Press the top right hand button to setup or change your password.

Setup Password : If there is no password exist, simply enter a password of your choice within 16 characters; you may also enter a password hint (maximum 32 characters including spaces) of your choice to remind you of your password, in case you forget your password.



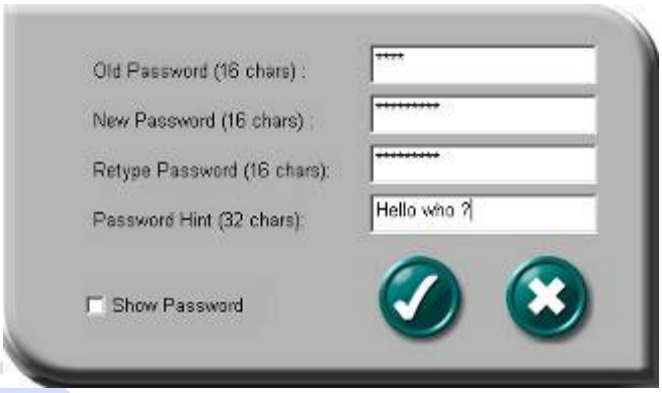
NB : You can only type in English letters and numbers.

Tick the "Show Password" box, if you want to see what you are typing.

When ready, press (apply) to save the password and password hint. You will see the following messages telling you that the password had been changed and device will be locked automatically when you remove it from the USB port or if there is a suspension in power.

Press (cancel) to cancel the set up procedure, if you do not wish to save the password and password hint.

Change Password : If there exist a password, before you make any changes, you will need to enter the current password. Enter the current password and new password of your choice; you may also edit the password hint at the same time.



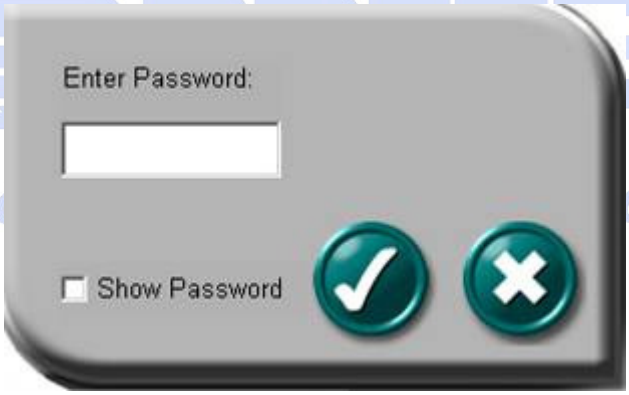
Tick the "Show Password" box, if you want to see what you are typing.

Press (apply) to save changes to the password and password hint. You will see the following messages telling you that the password had been changed and device will be locked automatically when you remove it from the USB port or if there is a suspension in power.

Press (cancel) to cancel the change password procedure, if you want to keep current password and password hint.

E3. Disable Password

Press the second button on the right to "Disable" (remove) the password. You will be prompted to enter your password. Press (cancel) to cancel, if you do not want remove your current password and password hint.



You have six chances to enter the password correctly, before your device gets formatted.

You will be reminded with the following message if you have typed in the wrong password for the fifth time.

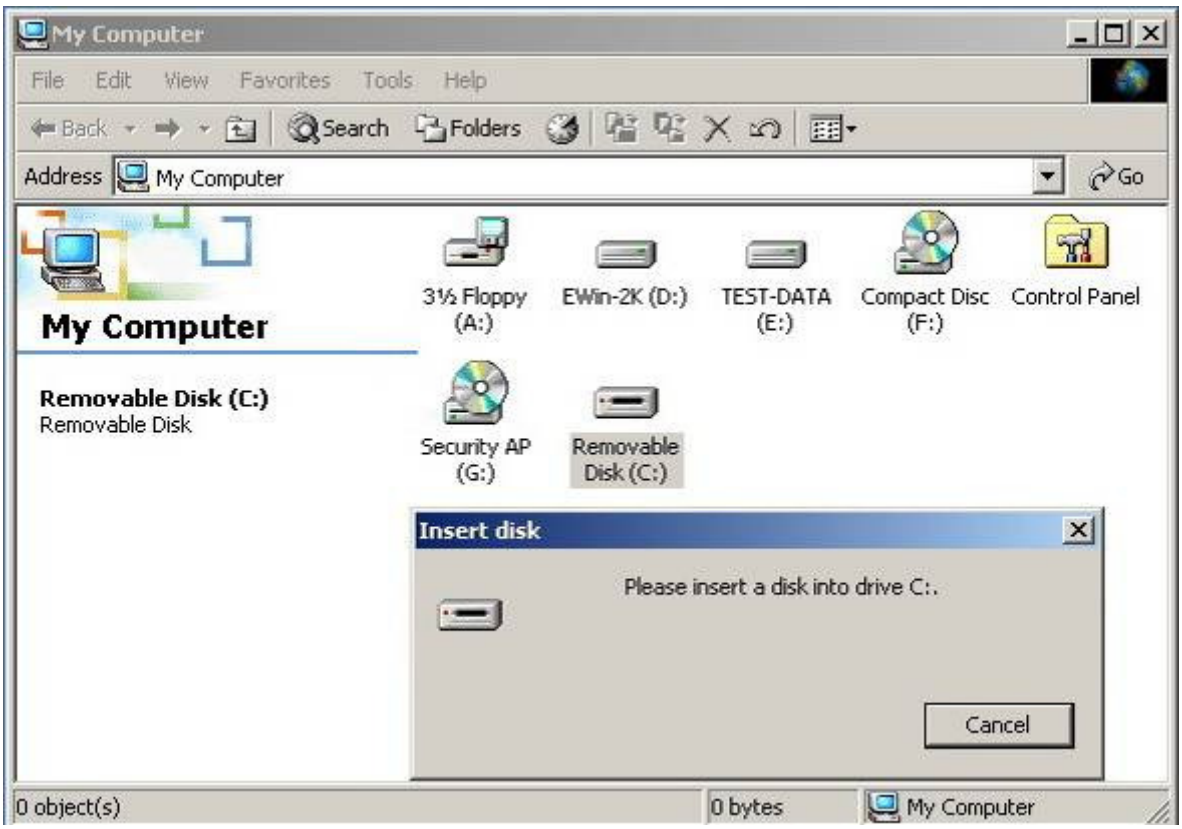
If you typed in the wrong password for the sixth time, your device gets formatted automatically.

If you have forgotten your password, click on the password hint and see if it reminds you with your password.

Enter the correct password and your password will be disabled (removed).

E4. Unlock Device

If you have setup a password, when you removed your device from USB port (or if there is a suspension in power), the secure partition of your device gets locked automatically. You will not be able to access this partition, nor read or write data to this partition.



Press the third button on the right to "Unlock" the partition temporarily.

PRETEC
Small size, Big impact.

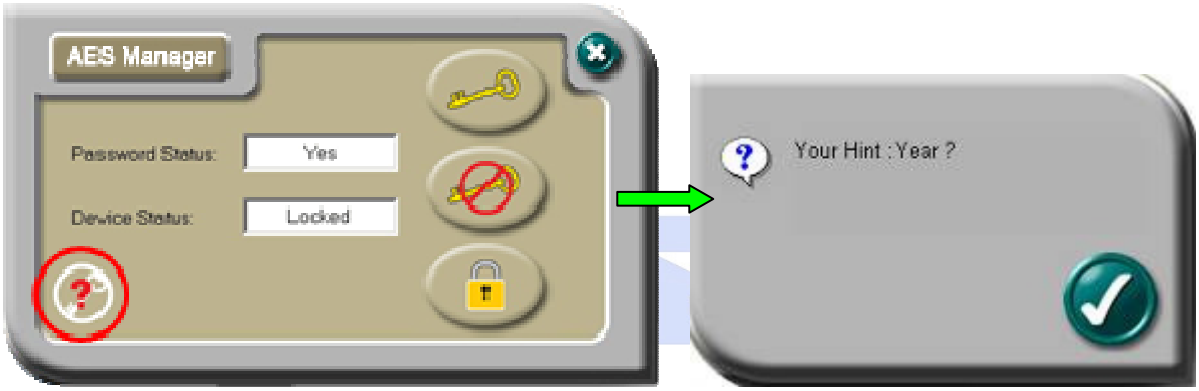
You will be prompted to enter your password. Press (cancel) to cancel, if you do not want unlock partition 1.

You have six chances to enter the password correctly, before your device gets formatted.

You will be reminded with the following message if you have typed in the wrong password for the fifth time.

If you typed in the wrong password for the sixth time, your device gets formatted automatically.

If you have forgotten your password, click on the password hint and see if it reminds you with your password.



Small size, Big impact.

Once you have entered the correct password, secure partition will be available temporarily until you remove your device from USB port or if there is a suspension in power. When secure partition is unlocked, you can read or write data to this partition.

F. Checking Secure AES Manager

In some situation it is necessary to know this information. Situation like whether you need to upgrade to newer version of the software or if you having trouble when using this software, and is seeking help from our technical staff, our technical staff may ask you which version you are using…etc.

Simply press the top left hand button and the version will displayed.

G. Running the Program As Privilege User ?!

Some user may see this following screen.

Check and make sure that you have plugged in your device and your Windows operating system did recognize your device. Otherwise, please check FAQ Q3 for more detail.

PRETEC®
Small size, Big impact.

H. FAQ – Frequently Asked Questions

Q1 My Windows 98 cannot detect my device, what can I do ?

A1 Make sure you have installed the latest device driver for your device. If you have already done so, but Windows still cannot detect your device, please try the following.
(1) Go to "Safe Mode" => "Device Manager"
(2) Remove any devices that's related to USB
(3) Remove any "Unknown devices"
(4) Remove any device which are not present
(5) Remove any devices that's related to your device
(6) Restart machine
(7) Install driver if necessary (download latest driver from website)
(8) Restart machine as requested and then plug in your device

Q2 My Windows ME / 2000 / XP cannot detect my device, what can I do ?

A2 Since there is no driver required for these operating systems, the device uses the built-in driver (USB Mass Storage Class Driver) from these operating systems. If your operating system cannot find the device, then it is very likely that the built-in driver files were missing or corrupted; please try to recover these files from other computer or from the original Windows operating system CD.
NB : Windows 2000 users, please upgrade to service pack 3 or later.

Q3 When I run Secure AES Manager, it displayed "Please insert the device or run this utility as privileged user" ?

A3 This problem may occur in Windows 2000 or Windows XP, under the following two situations. **Situation 1 :** You have forgotten to insert your device.
Situation 2 : Secure AES Manager requires some security privileges in these Windows operating systems. If you are not the administrator of the computer, these privileges may be restricted by administrator. Please check with your MIS or administrator of the computer to open up the privileges for you. (see following method)

When logged into the account affected, run GPEDIT.MSC from the run menu (If there is not enough access use the 'Run As' option). We now need to find the security policy "Devices: Allowed to eject removable NTFS media". It is located in Local Computer Policy >> Computer Configuration >> Windows Settings >> Security Settings >> Local Policy >> Security Options. You need to change the access from "Administrators and Power Users" over to "Administrators and Inter Active Users".